

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application.

1. (Currently Amended) ~~ARRANGEMENT INTRODUCED IN A HIDDEN RECEIVER-SENDER DELIMITER FOR PNEUMATICS AND SIMILARS, notably of a conventional A~~ transponder (T) for the emission and reception of radio frequency (RF) signals ~~composed by~~ comprising a chip (1) and a coil reel (2), ~~characterized by a plastic film covering —, in its full construction, i. e. including said chip (1) and the said coil reel, (2) from the use of a plastic film (F)~~ said transponder (T) thus covered, being ~~introduced~~ housed between the male (4) and female (5) portions of a capsule (3) ~~provided with , said female portion comprising~~ a compact base (6) ~~giving origin to the~~ connected to an equally compact side (7) forming a smooth end rim (8), ~~so that the internal wall of that said compact side has an edge with a configuration comprising~~ configures a small straight path (9), distal from ~~the said~~ compact base (6), followed by a “V” shape ~~deepening (10) indentation and the latter followed~~ by a retracted bottom housing (11) which has its width limited by a ring wall (12), ~~which said ring wall height extends up to about the vertex of the mentioned said “V” indentation deepening (10), with said ring wall (12) having a bevel (13) on the side of the male portion (4) and rounding (14) on the side of the transponder (T) rounded edge on the other side; the bottom (15) of that said compact base (6) is located at a level above the retracted bottom (11); the male portion (4) discloses comprises~~ a compact top (16), ~~which whose~~ whose diameter is substantially compatible with the straight path (9) of the female portion (5), with said top (16) ~~incorporating comprising an attachment portion, comprising~~ a corresponding straight path (17) followed by a “V”-shaped projection

substantially in “V” (18) which is coupled and fits under relative pressure to the deepening in “V” (10) shaped indentation of the female portion, while an equally ring-shaped rim (19) is settled over the retracted bottom (11), so to be restrained by the ring wall (12); the said male (4) and female (5) portions become fitted between them under considerable pressure; a chamber is created between the bottom (15) of the compact base (6) and the maximum height of the ring wall (12), coinciding with the bottom (20) of the compact top (16), ~~a chamber (21) is created~~, inside which the transponder (T) is housed, with a diameter adjustment existing in said chamber very near to the internal diameter of the ring wall (12).

2. (Currently Amended) ~~ARRANGEMENT INTRODUCED IN A HIDDEN RECEIVER-SENDER DELIMITER FOR PNEUMATICS AND SIMILARS~~ The device of claim 1, in which ~~the~~ wherein said chamber (21) has dimensions to allow the ~~previously~~ covered transponder to fit under pressure, forming smooth arching determining a “spring” effect having the purpose to avoid the transponder to absorb vibration, as well as the random balance inside said capsule and, in case of huge twisting or impact over the capsule (3), the transponder (T) does not happen to deform.

3. (Currently Amended) ~~ARRANGEMENT INTRODUCED IN A HIDDEN RECEIVER-SENDER DELIMITER FOR PNEUMATICS AND SIMILARS~~ of claims 1 and 2 The device of claim 1, which is employed in aggressive chemical or mechanical means, with no prejudice to the functions of the transponder (T), since it presents double protection; the first one from the cover by the plastic film or similar (F), immersion or any other form allowing said resource and being able to quickly dry chemical and mechanical insulation; and the second one through the capsule (3) made of transparent

material to electromagnetic waves and appropriate to resist against various mechanical efforts, be them twisting, flexion, traction or even mechanical vibrations, being the employed material preferably a polycarbonate provided not only with transparence to electromagnetic waves, but also relative flexibility.

4. (Currently Amended) ~~ARRANGEMENT INTRODUCED IN A HIDDEN RECEIVER-SENDER DELIMITER FOR PNEUMATICS AND SIMILARS~~ of claims ~~1 and 3~~ The device of claim 1, in which the ~~first protection, i. e. covering~~, allows the transponder (T) to respond, in a fully efficient way, to the use in naturally aggressive chemical means, including acids.

5. (Currently Amended) ~~ARRANGEMENT INTRODUCED IN A HIDDEN RECEIVER-SENDER DELIMITER FOR PNEUMATICS AND SIMILARS~~ of claims ~~1 and 2~~ The device of claim 1, in which the ~~second protection, i. e. encapsulation~~, consists of the introduction of the transponder inside a said capsule (3) in is formed of transparent material to electromagnetic waves and appropriate to resist against various mechanical efforts, such as those occurring inside a tire.

6. (Currently Amended) ~~ARRANGEMENT INTRODUCED IN A HIDDEN RECEIVER-SENDER DELIMITER FOR PNEUMATICS AND SIMILARS~~ of claims ~~1, 2 and 5~~, The device of claim 5 in which the chamber (21) has dimensions to allow the ~~previously covered~~ transponder to fit under pressure, forming smooth arching determining a “spring” effect having the purpose to avoid the transponder to absorb vibration, as well as the random balance inside said capsule and, in case of

huge twisting or impact over the capsule (~~3~~), the transponder (T) does not happen to deform.

7. (New) An electrical device for transmitting or receiving electrical signals, comprising:
an electronic device;
a film, coating said electronic device;
a capsule, encasing said film coated electronic device, said capsule comprising:
a base portion; and
a top portion, said top portion securely interlocking with said base portion.
8. (New) The device of claim 7 wherein said electronic device is a receive-sender delimiter for pneumatics.
9. (New) The device of claim 7 wherein said electronic device is a transponder.
10. (New) The device of claim 9 wherein said transponder comprises a chip and a coil reel.
11. (New) The device of claim 7,
wherein said base portion further comprises:
a platform for said electronic device;
a ring wall around said platform; and
a side wall around the edge of said base portion; and

wherein said top portion further comprises:

a cover portion; and

an attachment wall, said attachment wall structured and arranged to fit snugly between said ring wall and said side wall of said base portion.

12. (New) The device of claim 11, further comprising:

a groove on the interior side of said side wall; and

a protrusion on the exterior side of said attachment wall, said protrusion structured and arranged to mate with said groove in a manner that snugly secures said top portion to said base portion.

13. (New) The device of claim 12, wherein said groove extends along a middle portion of said side wall.

14. (New) The device of claim 11, wherein said attachment wall extends below said platform when said top portion and said base portion are secured to each other.

15. (New) The device of claim 7, wherein said capsule is structured and arranged such that said electronic device fits snugly between said top portion and said base portion to prevent damage from vibration.

16. (New) The device of claim 7, wherein said film is formed of a substance which prevents said

electronic device from being damaged by chemicals, including acids, while not interfering with said electronic device's functionality.

17. (New) The device of claim 7, wherein said film is plastic.
18. (New) The device of claim 7, wherein said capsule is formed of a material that does not interfere with electromagnetic waves and is strong enough to resist forces associated with twisting, flexion, traction or even mechanical vibrations.
19. (New) The device of claim 7, wherein said capsule is formed from a polycarbonate provided not only with transparence to electromagnetic waves, but also relative flexibility.